catalyzing a complex reaction of large molecules using said polymeric support.

12. A process for enzymatic extraction of biomolecules, comprising:

providing a polymeric support comprising one or more enzymes bonded thereto, wherein the polymeric support material has no pores or substantially no pores; and

extracting said biomolecules from the group consisting of peptides, proteins, oligosaccharides, and polysaccharides.

13. A process for extraction, comprising:

providing a polymeric support comprising one or more enzymes bonded thereto, wherein the polymeric support material has no pores or substantially no pores; and extracting insulins or their analogs from corresponding precursors.

- 14. The process as in one of claims 11-13, in which said polymeric support material is a copolymer of the monomers methacrylamide and N,N'-bis(methacrylamide).
- 15. The process as claimed in claim 14, wherein said polymeric support material has oxirane group-containing monomers.
- 16. The process as claimed in claim 13, wherein said enzyme is bonded covalently to the support material with the aid of oxirane groups.
 - 17. The process as claimed in claim 13, wherein said enzyme is trypsin.
- 18. The process as claimed in claim 13, wherein said enzyme immobilized on the support has an activity of .05 to .5 U/ml.
- 19. The process as claimed in claim 17, wherein said enzyme has an activity of 0.5 to .5 U/ml.
- 20. The process as claimed in claim 13, wherein the pH of the reaction is 6 to about 10.

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